

a
ab
ad
b
bae

bba
bbc
bbcc
bc
bca

bcc
bccb
c
ca
caab

caad
caaf
cab
cad
cc

ce

FIG. 1
LIST OF PREFIXES

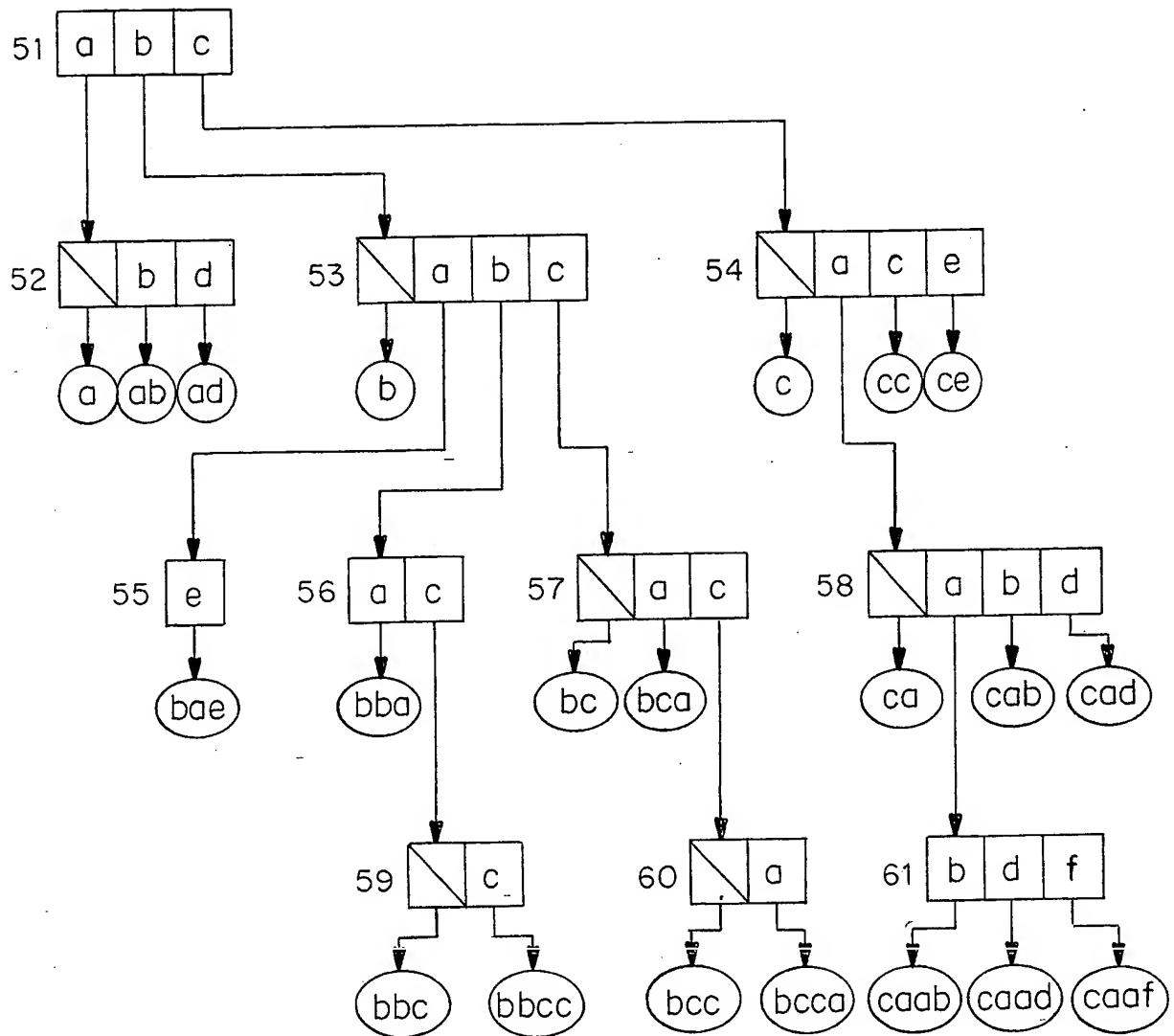


FIG. 2
(Prior Art)
TRIE STRUCTURE

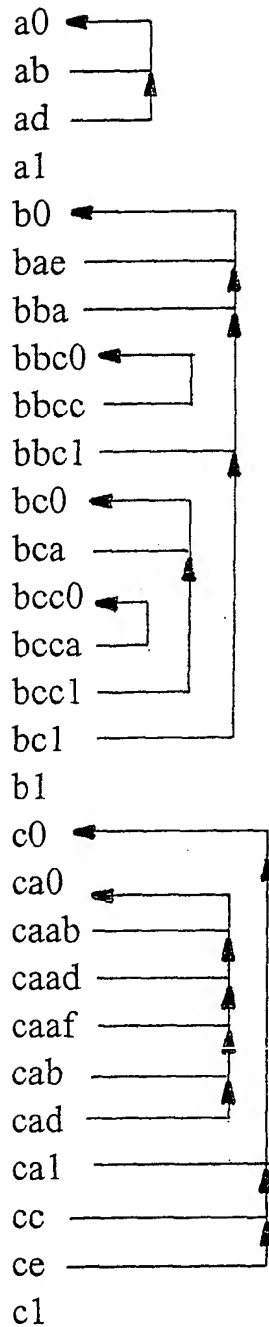


FIG. 3

(Prior Art)

LIST OF PREFIXES

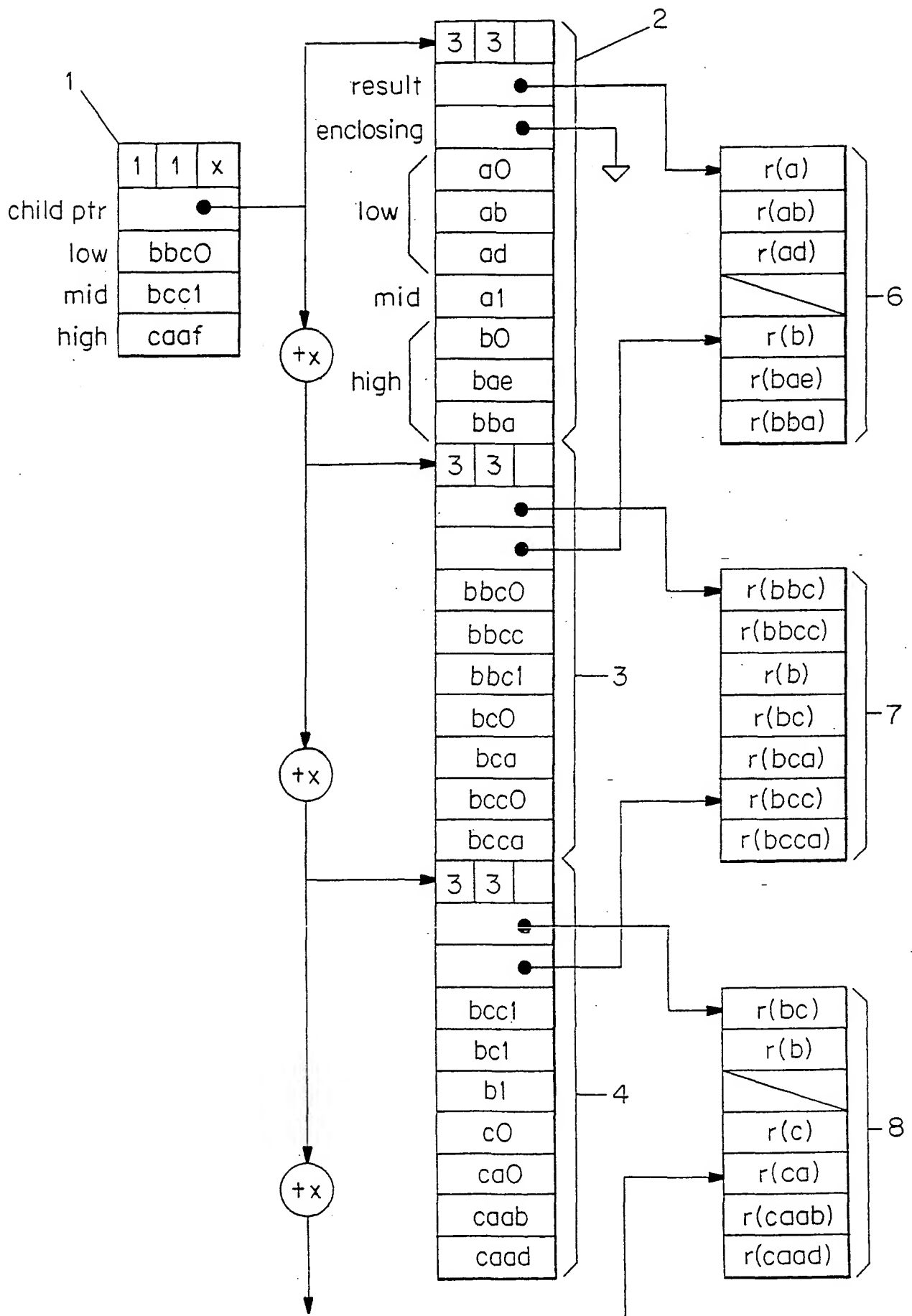


FIG. 4A

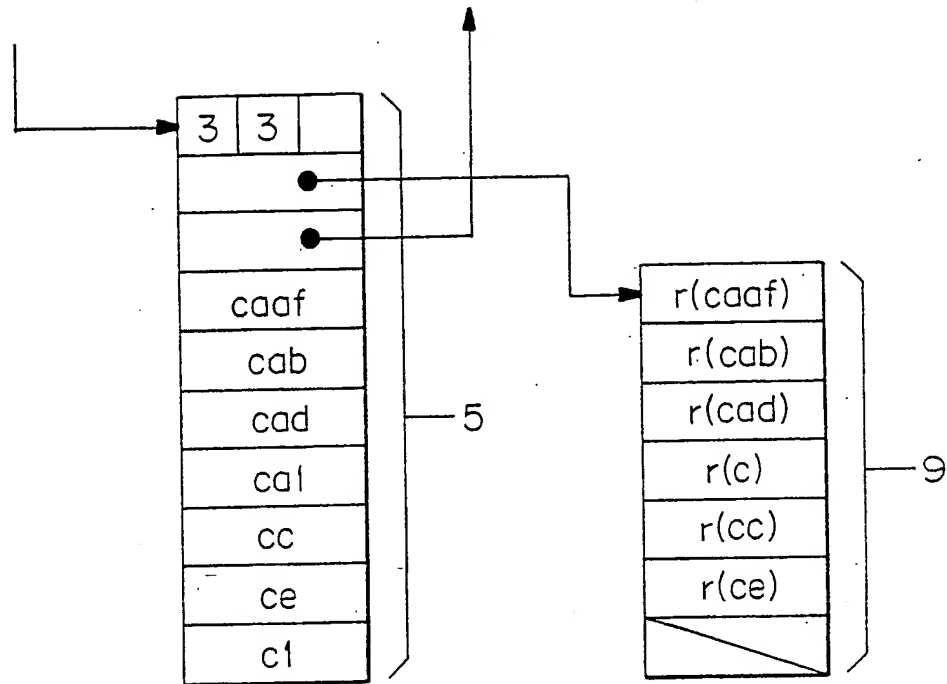
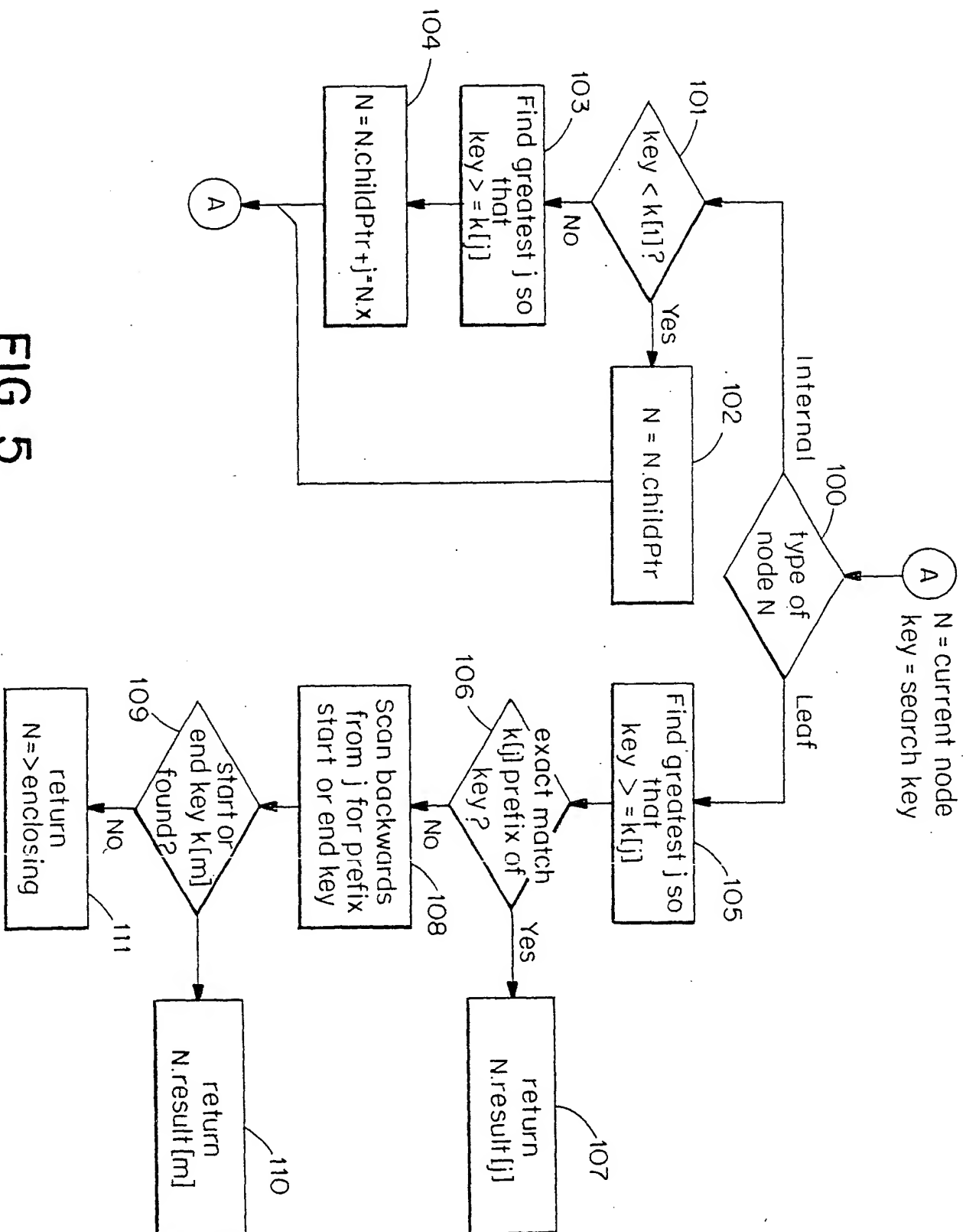


FIG. 4B



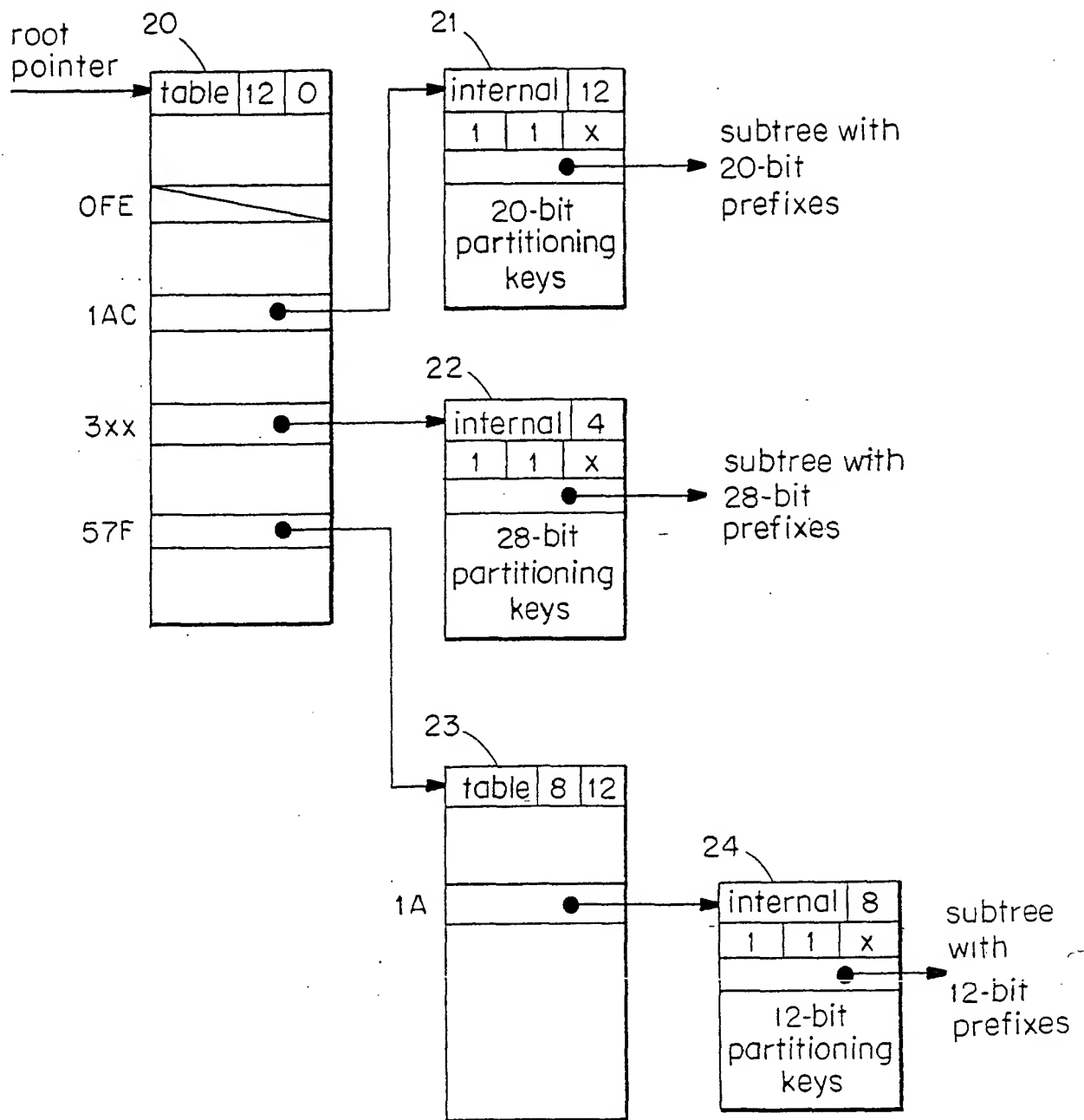


FIG. 6

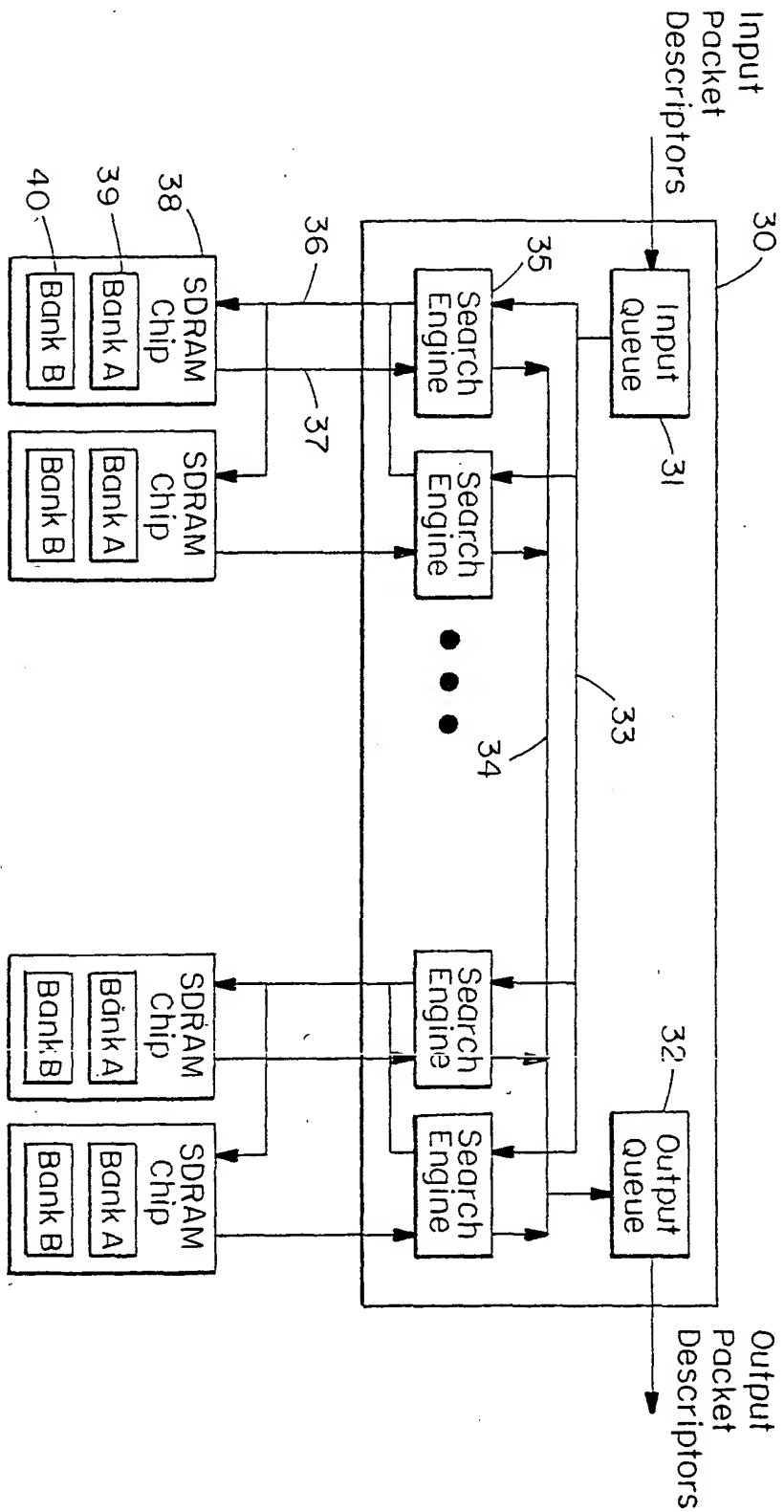


FIG. 7

Cycle	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
Addr/Cont	RA				CA												PA				RA				CA										
Data									D0	D1	D2	D3	D4	D5	D6	D7	D8	D9														D0	D1	D2	D3

FIG. 8

Cycle	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Addr/Cont	RA				CA						(RB)				(CB)		PA				RA				CA			(PB)				
Data									D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3

FIG. 9

Cycle	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Addr/Cont	RA	RA			CA	CA															RA	RA			CA	CA						
Data SE1									D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3
Data SE2										D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2

FIG. 10

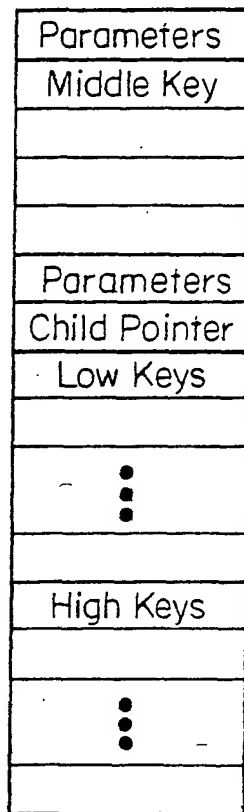


FIG. 11

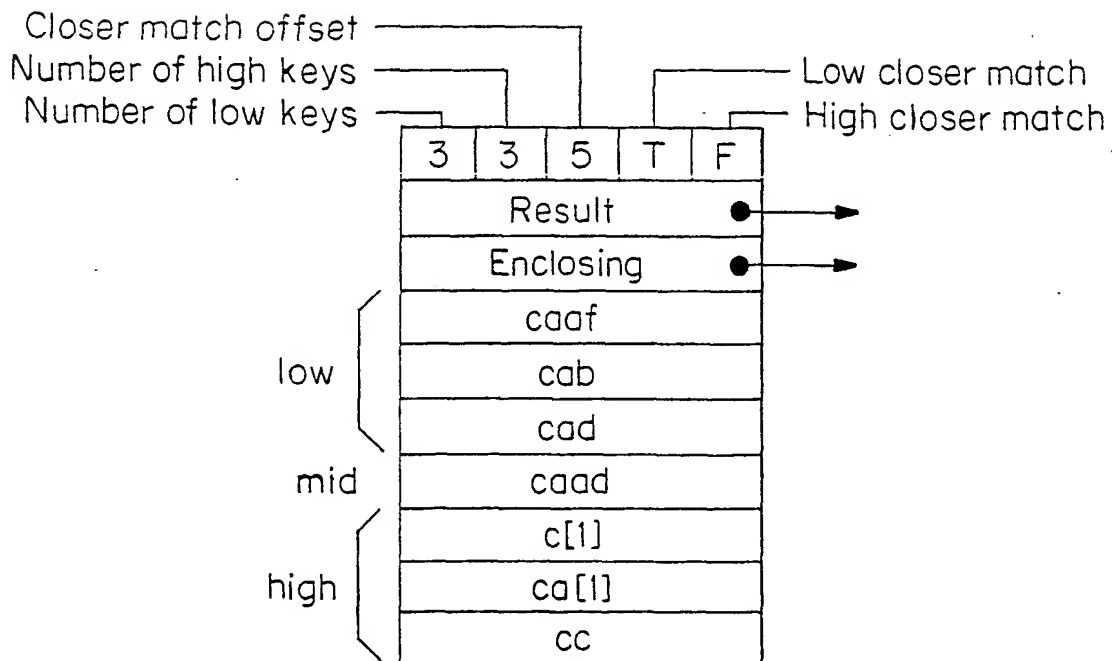


FIG. 12

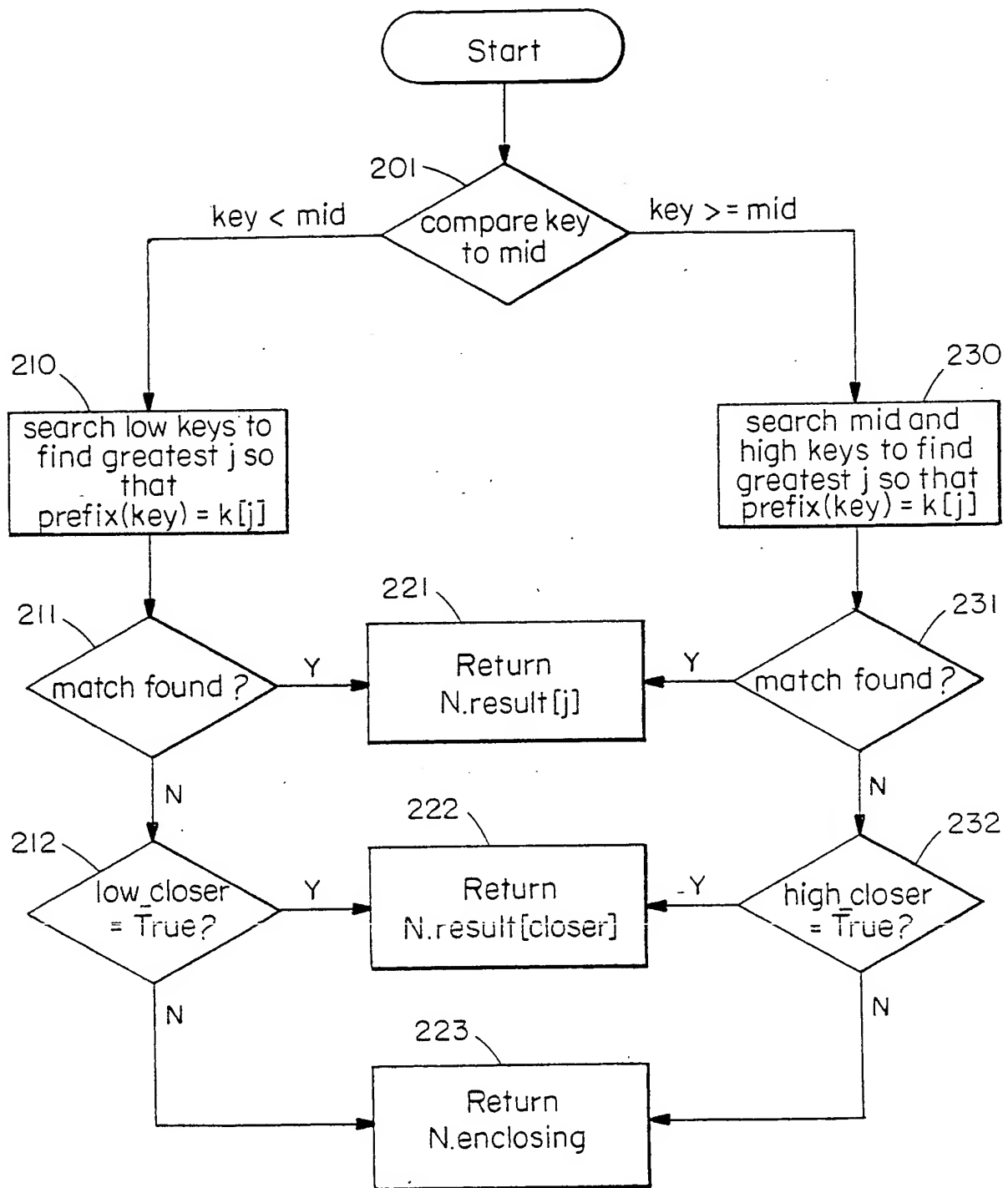


FIG. 13

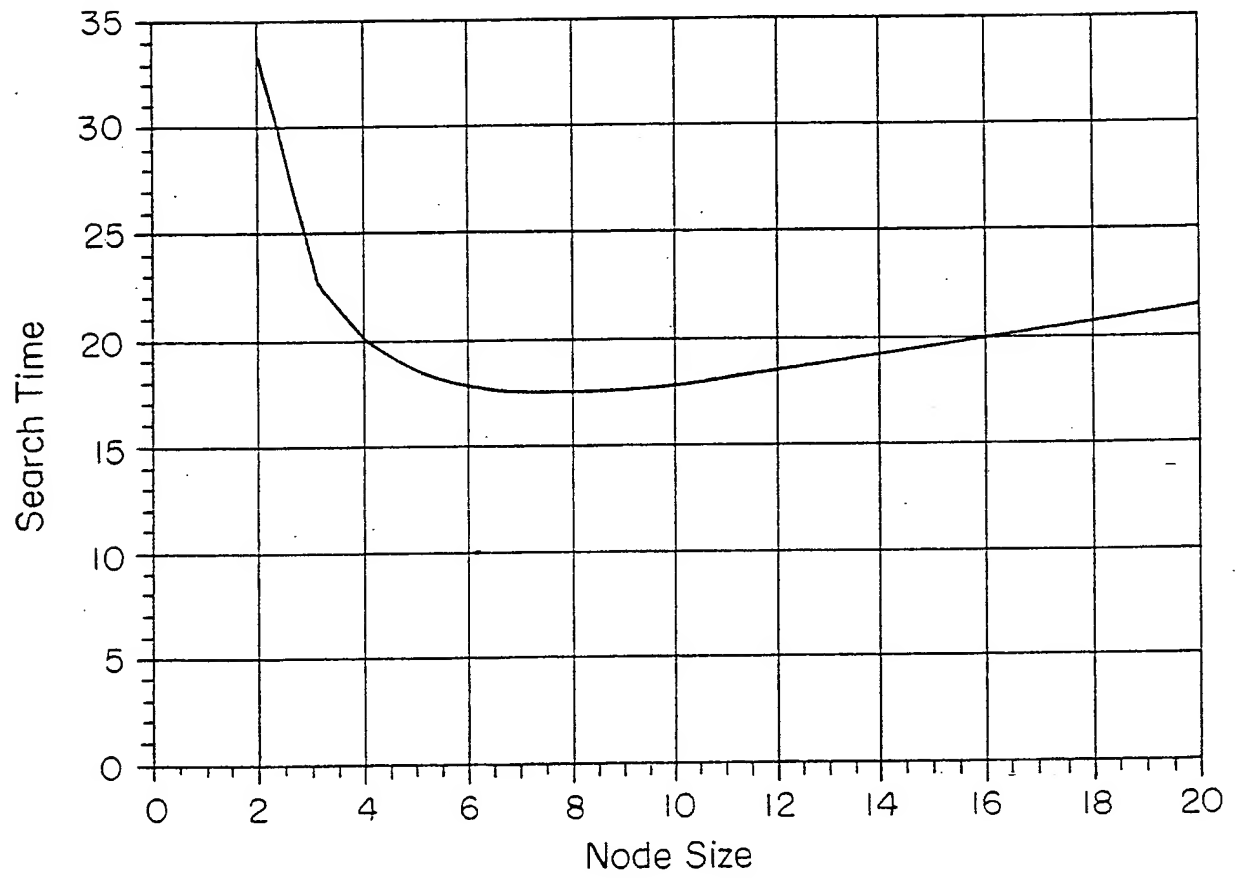


FIG. 14

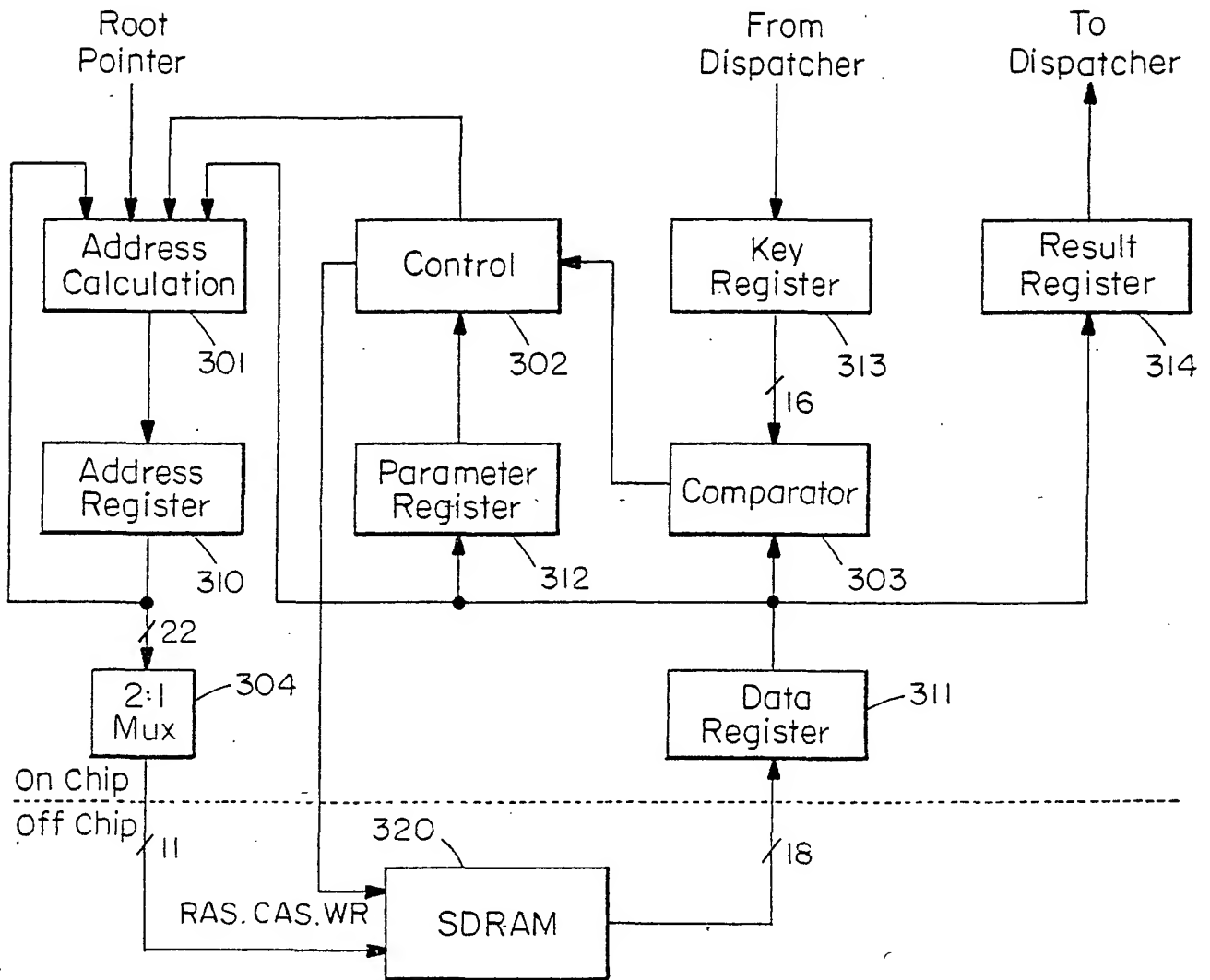


FIG. 15